Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 00:00 on Saturday 12 Feb 2022 until 23:59 on Sunday 13 Feb 2022

Forecast Issued on Friday 11 Feb 2022 at 15:24

Confidence: There is some uncertainty in the exact location of heavier rain on Saturday and a chance that northern mountains will be drier than the forecast below. Otherwise high confidence for a period of unsettled, windy and wet weather, with some wintry periods too, over the forecast period.

Headline for Saturday 12 Feb 2022: Persistent heavy rain for much of the day with southwesterly gales, severe gales at times on the summits.

Mountain weather hazards on Saturday 12 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Dull	Sleet	Sleet	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Dull
Precipitation probability							
30%	30%	50%	80%	80%	80%	40%	20%

Forecast for Saturday 12 Feb 2022

Weather: Outbreaks of rain or sleet will continue through the night, with freezing level rising above all summits it will turn to rain at all levels during the night. Rain will continue through the morning and be quite persistent and heavy at times, accompanied by southwesterly severe gales it will feel quite cold and make for difficult walking conditions. There is a little uncertainty in where the heaviest rainfall will be and a chance that the more northerly mountains like Snowdon will see some drier conditions in the afternoon and that perhaps rain will ease and become more showery for all during the afternoon. It is likely that it will clear south during the evening.

Chance of cloud-free hill tops above 800m: 20% or less, very little chance with widespread low cloud associated with heavy rain, perhaps the best chance is early for southern hills later in the afternoon in the north and east.

Low Cloud and visibility: A poor visibility day for most of Snowdonia with widespread extensive low cloud covering most mountain tops and poor low level visibility in heavy rain, visibility perhaps moderating a little in the north and east in the afternoon with the odd glimmer of view a possibility. Low cloud layers are expected to be broken, extensive in the west, from 400m and above, perhaps lifting to 500m and above in the afternoon.

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Forecast for Saturday 12 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	49/61 S	51/65 SW	53/67 SW	53/68 SW	52/68 S	45/60 SW	38/50 SW	33/44 SW	30/41 SW
600	35/46 S	38/50 S	39/53 S	38/53 S	38/53 S	31/45 SW	27/39 SW	24/35 SW	22/32 SW
300	22/41 S	24/44 S	24/46 S	25/47 S	24/45 S	20/39 SW	18/35 SW	16/31 SW	14/27 SW
Valley	23/41 S	24/44 S	25/46 S	25/46 S	25/45 S	21/39 SW	18/33 SW	15/29 SW	13/25 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-10	0/-10	1/-9	1/-8	1/-8	3/-5	3/-4	3/-4	3/-4
600	2/-6	2/-6	3/-5	3/-4	3/-4	5/-2	5/-1	5/-0	5/-0
300	4/-2	4/-2	5/-1	5/-1	5/-0	7/2	7/3	7/3	7/4
Valley	6/0	6/0	6/1	6/1	7/2	8/4	8/5	8/5	8/5
Freezing Level*	800m	900m	1000m	1200m	1300m	1500m	1400m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

There is the risk of some localised flooding of watercourses around Snowdonia and it is likely to become very wet underfoot by the afternoon. Very strong winds accompanying the heavy rain will add to the wind chill effect making it feel very cool, perhaps a few storm force gusts on Snowdon. Difficult walking conditions are likely in these conditions and it may be slippery underfoot with rain falling on some existing snow which may also melt and add to the waterflow.

Forecast for Sunday 13 Feb 2022

Weather: After a dry overnight period further rain will spread north before dawn and this will become heavy and persistent for much of the day, perhaps lighter in the afternoon and there will be a few drier interludes but it is hard to define when these will be.

Maximum wind: Southerly 20-25 mph with gusts 35-40mph.

Chance of cloud-free hill tops above 800m: 10% or less, extensive low cloud around the hills most of the day in association with rain.

Low Cloud and visibility: Extensive low cloud layers above 300m for much of the day, perhaps further east will see broken cloud above 4-500m. Visibility will be poor for much of the day in heavy rain.

Temperature: **Valleys:** Plus 4 rising to 8 Celsius.
At 800m: Plus 4 Celsius.
Freezing level: Above the summits, falling to 1000m by evening.

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Ground Conditions Supplement
Please see - https://www.eryri.llyw.cymru/visiting/walking/ground-conditions
Issued at: 1524 on Fri 11 Feb 2022

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